OMNITRONIC®

OMNITRONIC FX-524

Kill-Mixer

Service-manual

Serviceunterlagen

Documents techniques

Documentos de servicio

Version 2.0

I.	No.	Artikelbeschreibung	Article designation	Description d'article
1	E0193510	Crossfader für FX-524	Crossfader for FX-524	Crossfader pour FX-524
2	E0193511	Kanalfader für FX-524	Channelfader for FX-524	Fader des canaux pour FX-524
3	E0193512	GAIN-Poti für FX-524	GAIN-poti for FX-524	GAIN-poti pour FX-524
4	E0193513	BASS/MIDDLE/TREBLE-Poti für FX-524	BASS/MIDDLE/TREBLE-poti for FX-524	BASS/MIDDLE/TREBLE-poti pour FX-524
5	E0193514	MASTER-Poti für FX-524	MASTER-poti for FX-524	MASTER-poti pour FX-524
6	E0193515	BOOTH-Poti für FX-524	BOOTH-poti for FX-524	BOOTH-poti pour FX-524
7	E0193516	CUE LEVEL-Poti für FX-524	CUE LEVEL-poti for FX-524	CUE LEVEL-poti pour FX-524
8	E0193517	BALANCE-Poti für FX-524	BALANCE-poti for FX-524	BALANCE-poti pour FX-524
9	E0193518	CUE MIXING-Poti für FX-524	CUE MIXING-poti for FX-524	CUE MIXING-poti pour FX-524
10	E0193520	PHONO/LINE/MIC-Schalter für FX-524	PHONO/LINE/MIC-switch for FX-524	PHONO/LINE/MIC-interrupteur pour FX-524
11	E0193521	Netzschalter für FX-524	Powerswitch for FX-524	Interrupteur ON/OFF pour FX-524
12	E0193522	CUE-Schalter für FX-524	CUE-switch for FX-524	CUE-interrupteur pour FX-524
13	E0193523	TALKOVER-Schalter für FX-524	TALKOVER-schalter for FX-524	TALKOVER-interrupteur pour FX-524
14	E0193524	KILL-Schalter für FX-524	KILL-schalter for FX-524	KILL-interrupteur pour FX-524
15	E0193525	CUE MIX/CUE SPLIT-Schalter für FX-524	CUE MIX/CUE SPLIT-schalter for FX-524	CUE MIX/CUE SPLIT-interrupteur p.FX-524
16	E0193526	CROSSFADER ASSIGN-Schalter für FX-524	CROSSFADER ASSIGN-switch for FX-524	CROSSFADER ASSIGN-interrupteur p.FX-524
17	E0193527	PUNCH-Taster für FX-524	PUNCH-switch for FX-524	PUNCH-interrupteur pour FX-524
18	E0193540	Faderknopf für FX-524	Fader knob for FX-524	Bouton fader pour FX-524
19	E0193541	Drehknopf für FX-524	Rotary knob for FX-524	Bouton rotatif pour FX-524
20	E0193550	Trafo für FX-524	Transformer for FX-524	Transformateur pour FX-524
21	E0199890	PHONO/LINE/MIC-Schalter	PHONO/LINE/MIC-Switch	PHONO/LINE/MIC-Interrupteur
22	E0199891	Netzschalter für 524Serie	Powerswitch for 524series	Interrupteur ON/OFF pour série 524
23	E0199892	CUE-Schalter für 524Serie	CUE-Switch for 524series	CUE-Interrupteur pour série 524
24	E0199917	Fader B50KX2	Fader B50KX2	Fader B50KX2
25	E0199961	Poti B10K	Poti B10K	Poti B10K
26	E6501019	Schaltplan für FX-524	Circuit diagram for FX-524	Schema de connexions pour FX-524

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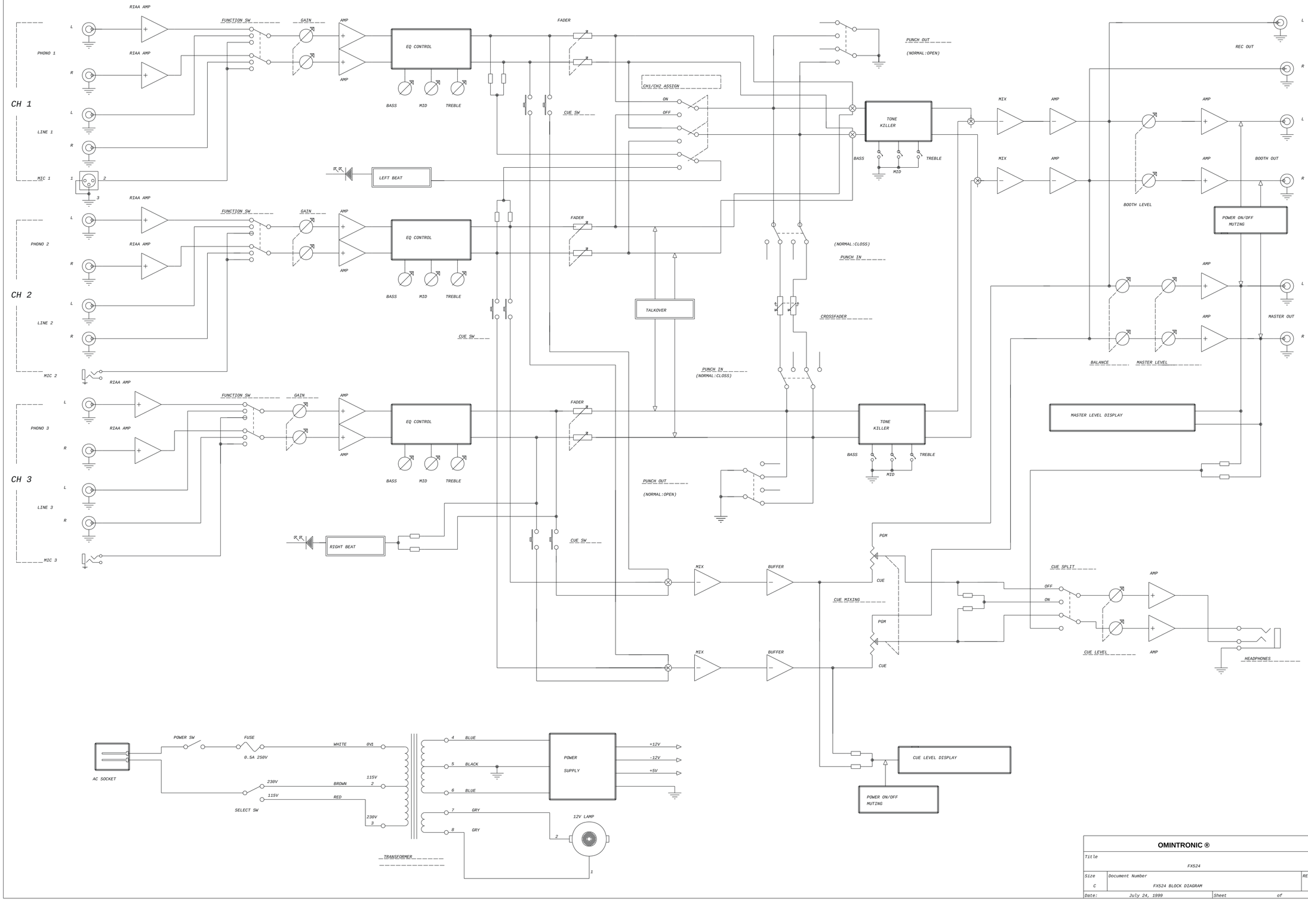
FX524 BLOCK DIAGRAM



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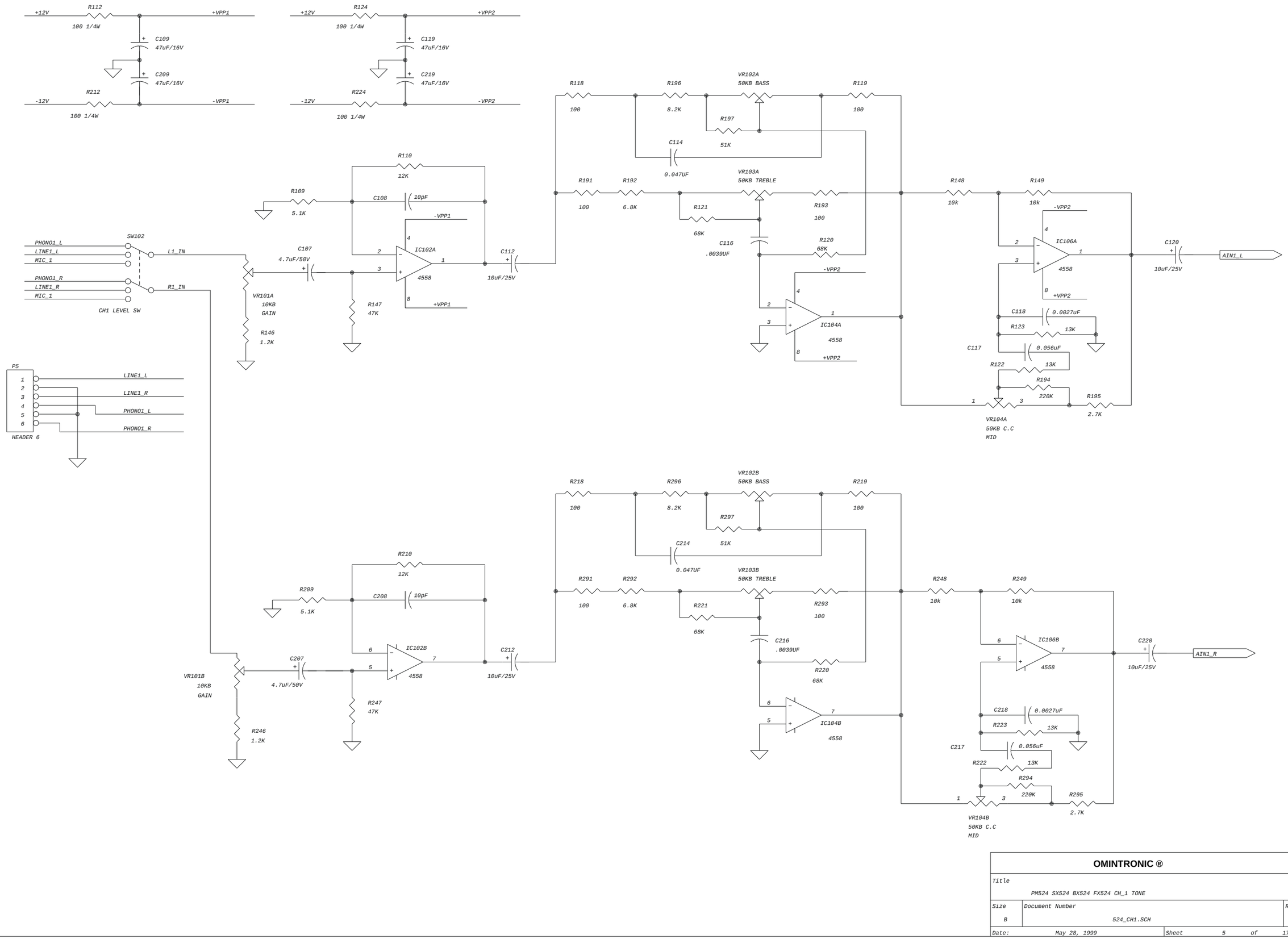
Date: July 24, 1999	Sheet of	



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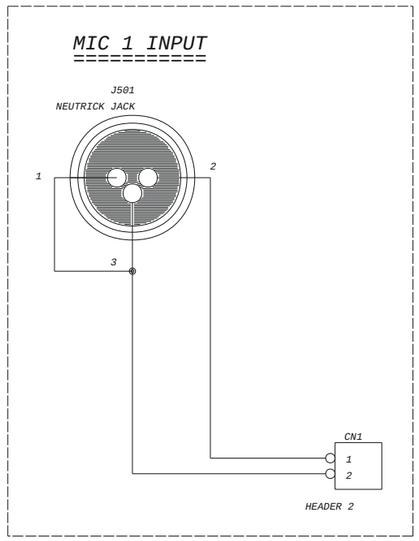
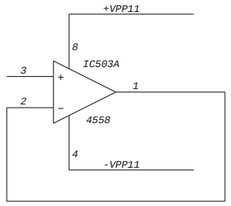
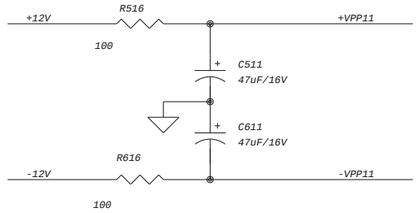
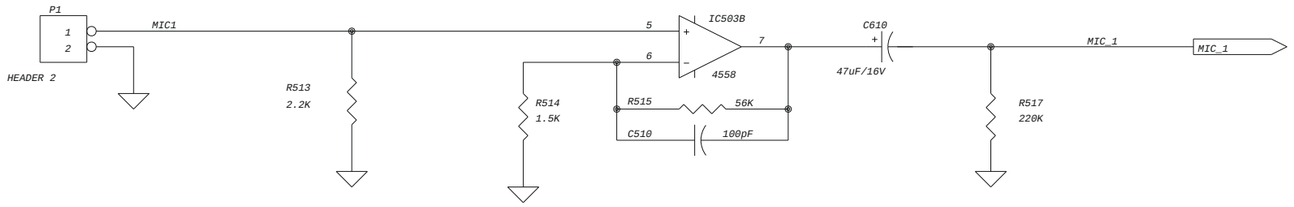
Title: PM524 SX524 BX524 FX524 CH_1 TONE		
Size: B	Document Number: 524_CH1.SCH	REV: A
Date: May 28, 1999	Sheet 5 of 17	

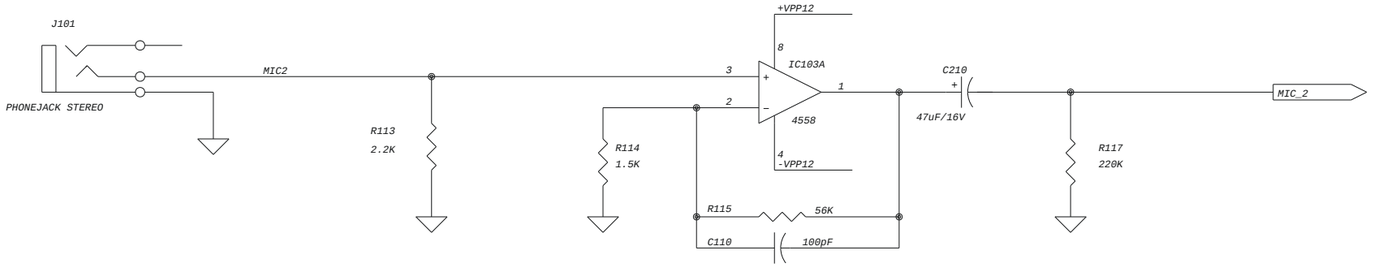
MIC 1 INPUT

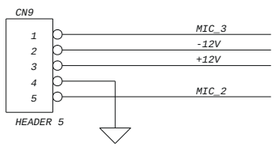


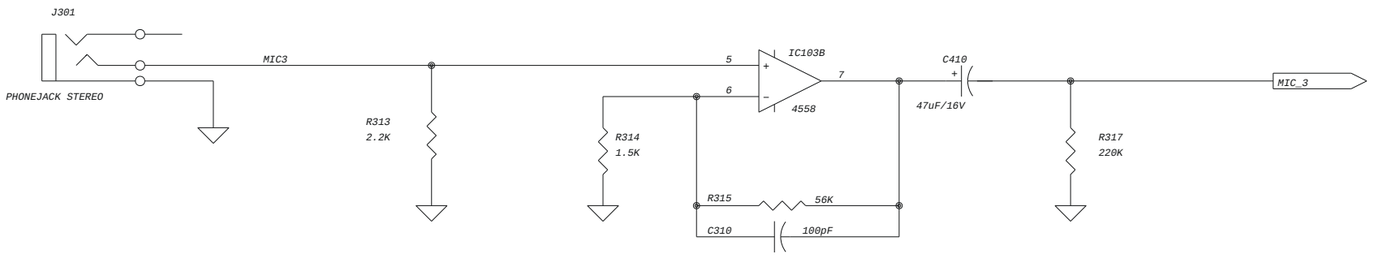


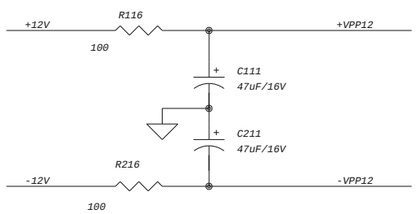












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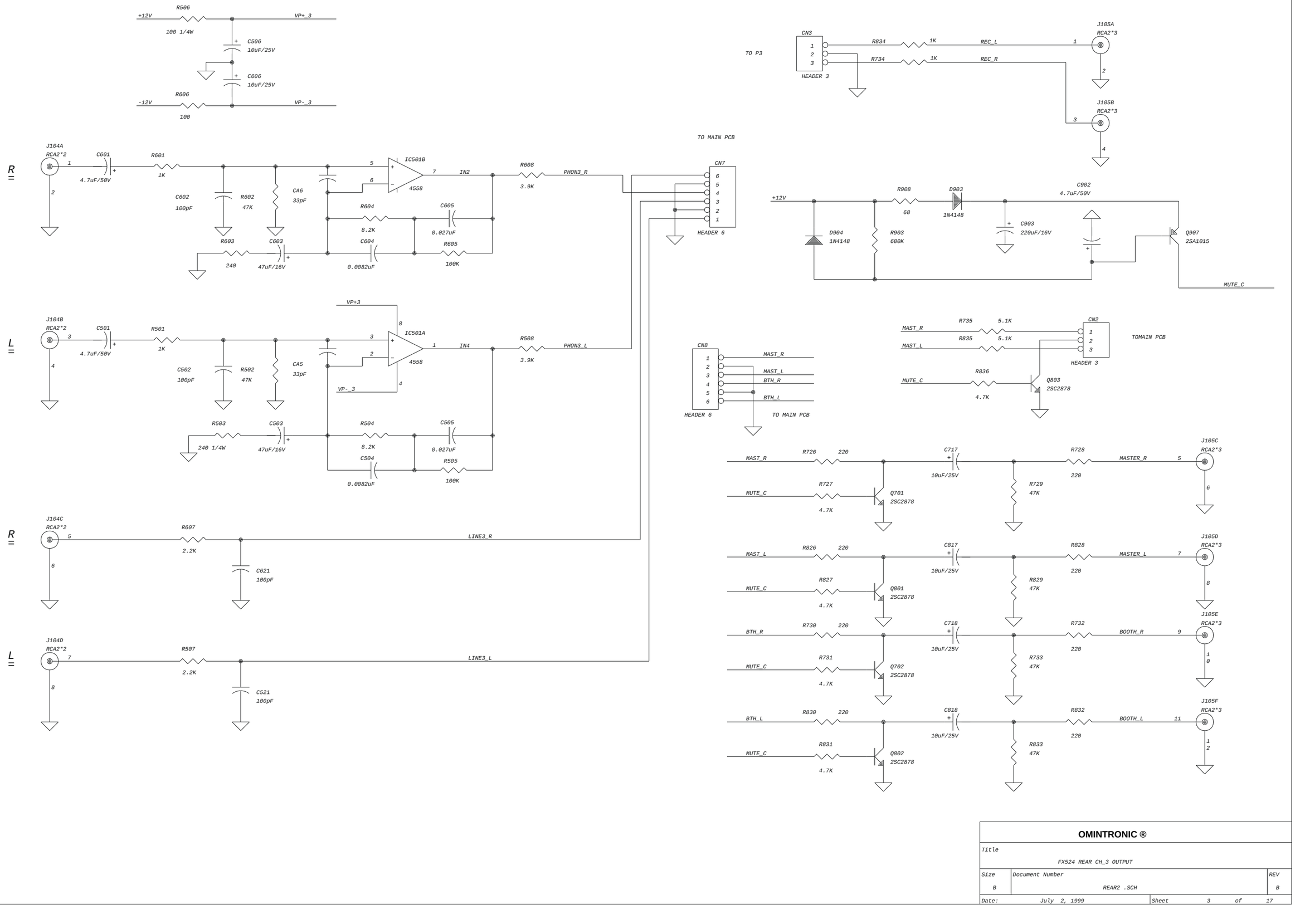
Date: May 28, 1999	Sheet 4 of 17	



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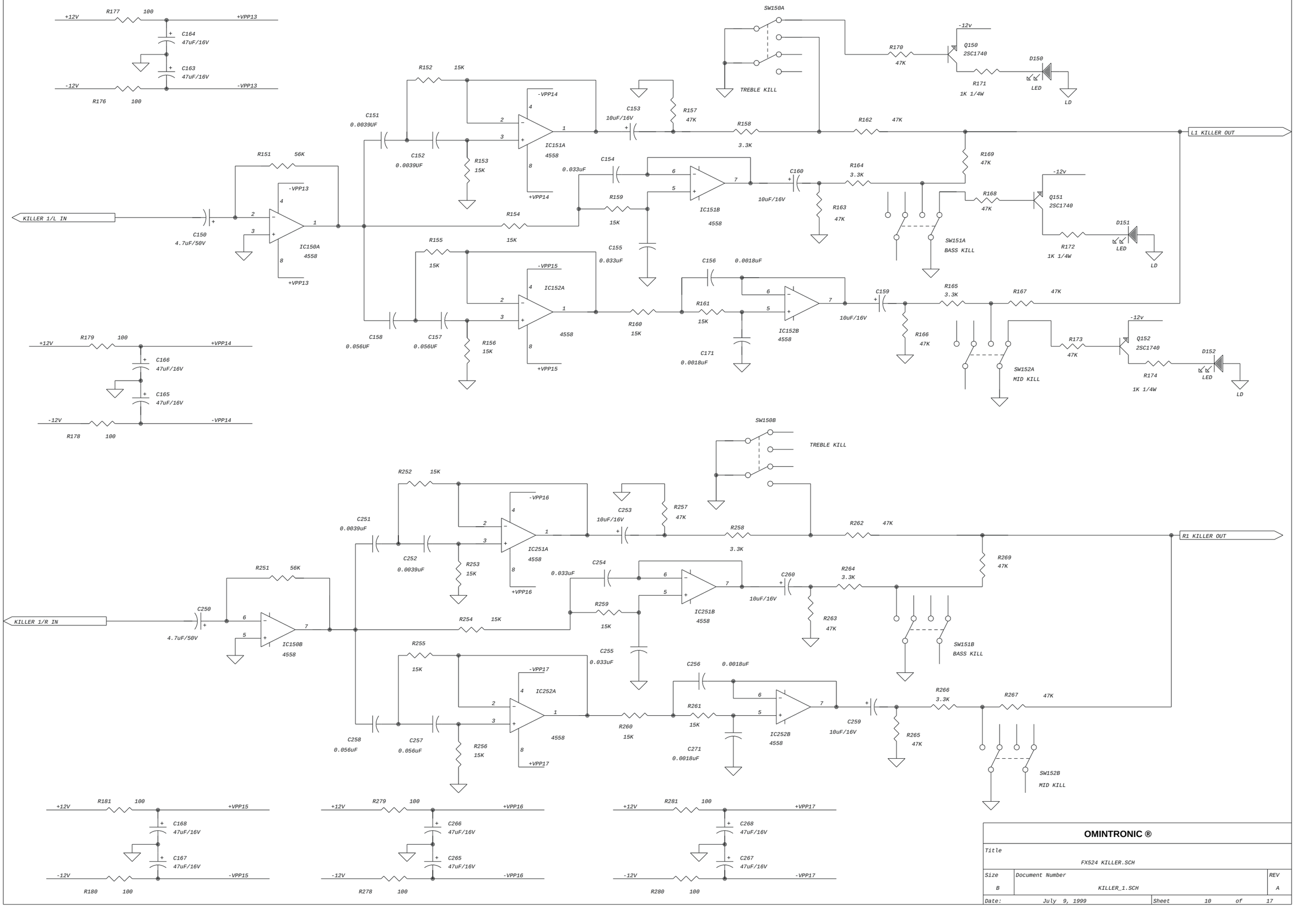
Date: July 2, 1999	Sheet 3 of 17	



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Title: FX524 KILLER.SCH		
Size: B	Document Number: KILLER_1.SCH	REV: A
Date: July 9, 1999	Sheet 10 of 17	

TO POWER SUPPLY PCB

CN10
1
2
+12V
-12V
HEADER 2

R106
+12V
100 1/4W
VP+_1
C106
10uF/25V
C206
10uF/25V
R206
-12V
100 1/4W
VP-_1

R306
+12V
100
VP+_2
C306
10uF/25V
C406
10uF/25V
R406
-12V
100
VP-_2

TO MAIN PCB P5

R

J102A
RCA2*2
1
2
R201
1K
C202
100pF
R202
47K
CA2
33pF
IC101B
5
6
7
4558
R208
3.9K
PHON1_R
R204
8.2K
C205
0.027uF
R203
240
C203
47uF/16V
C204
0.0082uF
R205
100K
CN5
6
5
4
3
2
1
HEADER 6

L

J102B
RCA2*2
3
4
R101
1K
C102
100pF
R102
47K
CA1
33pF
VP+_1
8
IC101A
3
2
1
4
4558
VP-_1
R108
3.9K
PHON1_L
R103
240 1/4W
C103
47uF/16V
R104
8.2K
C105
0.027uF
C104
0.0082uF
R105
100K

R

J102C
RCA2*2
5
6
R207
2.2K
C221
100pF
LINE1_R

L

J102D
RCA2*2
7
8
R107
2.2K
C121
100pF
LINE1_L

TO MAIN PCB P6

R

J103A
RCA2*2
1
2
R401
1K
C402
100pF
R402
47K
CA4
33pF
IC301B
5
6
7
4558
R408
3.9K
PHON2_R
R404
8.2K
C405
0.027uF
R403
240
C403
47uF/16V
C404
0.0082uF
R405
100K
CN6
6
5
4
3
2
1
HEADER 6

L

J103B
RCA2*2
3
4
R301
1K
C302
100pF
R302
47K
CA3
33pF
VP+_2
8
IC301A
3
2
1
4
4558
VP-_2
R308
3.9K
PHON2_L
R303
240 1/4W
C303
47uF/16V
R304
8.2K
C305
0.027uF
C304
0.0082uF
R305
100K

R

J103C
RCA2*2
5
6
R407
2.2K
C421
100pF
LINE2_R

L

J103D
RCA2*2
7
8
R307
2.2K
C321
100pF
LINE2_L

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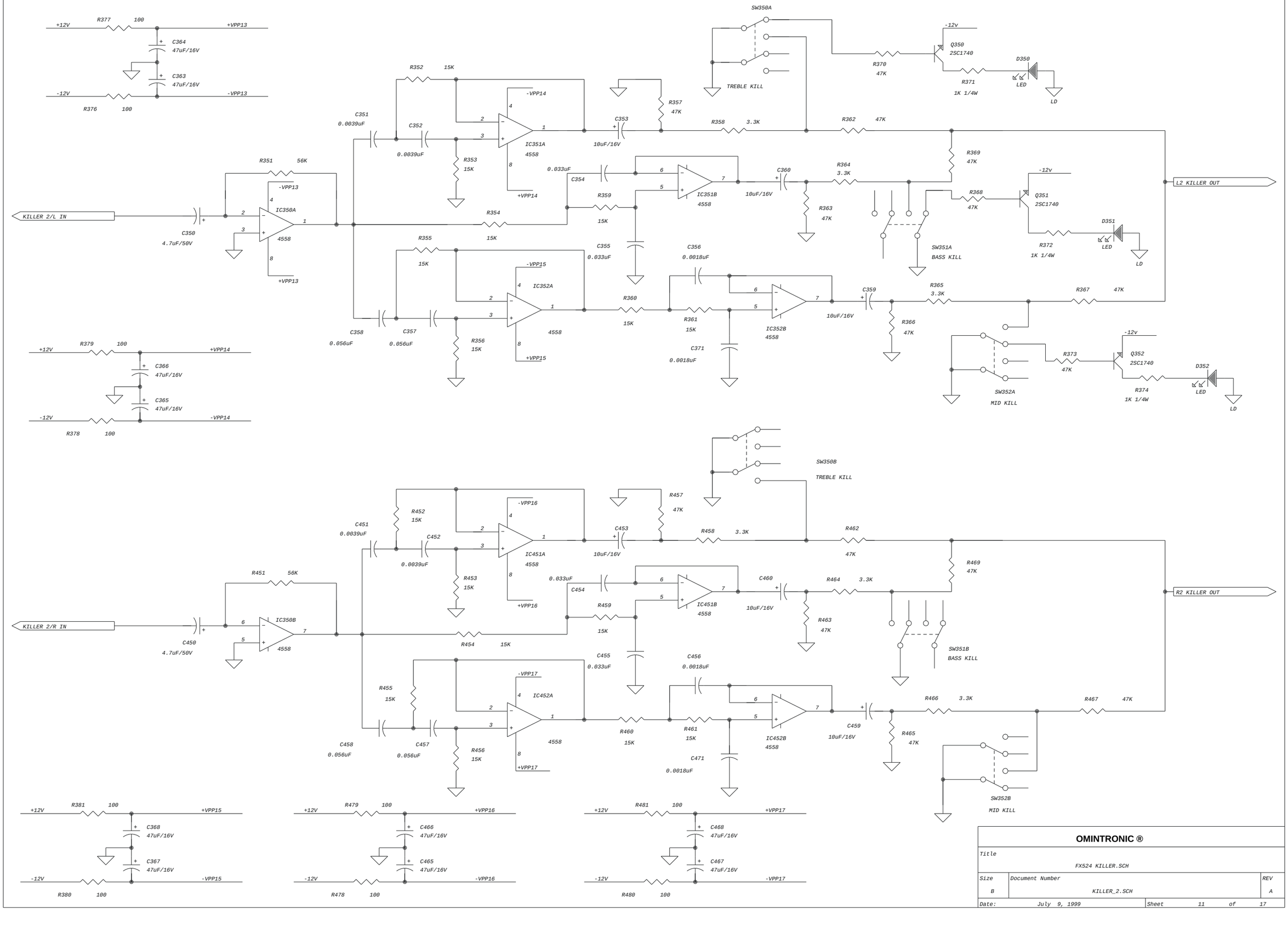
Date: July 2, 1999	Sheet 2 of 17	



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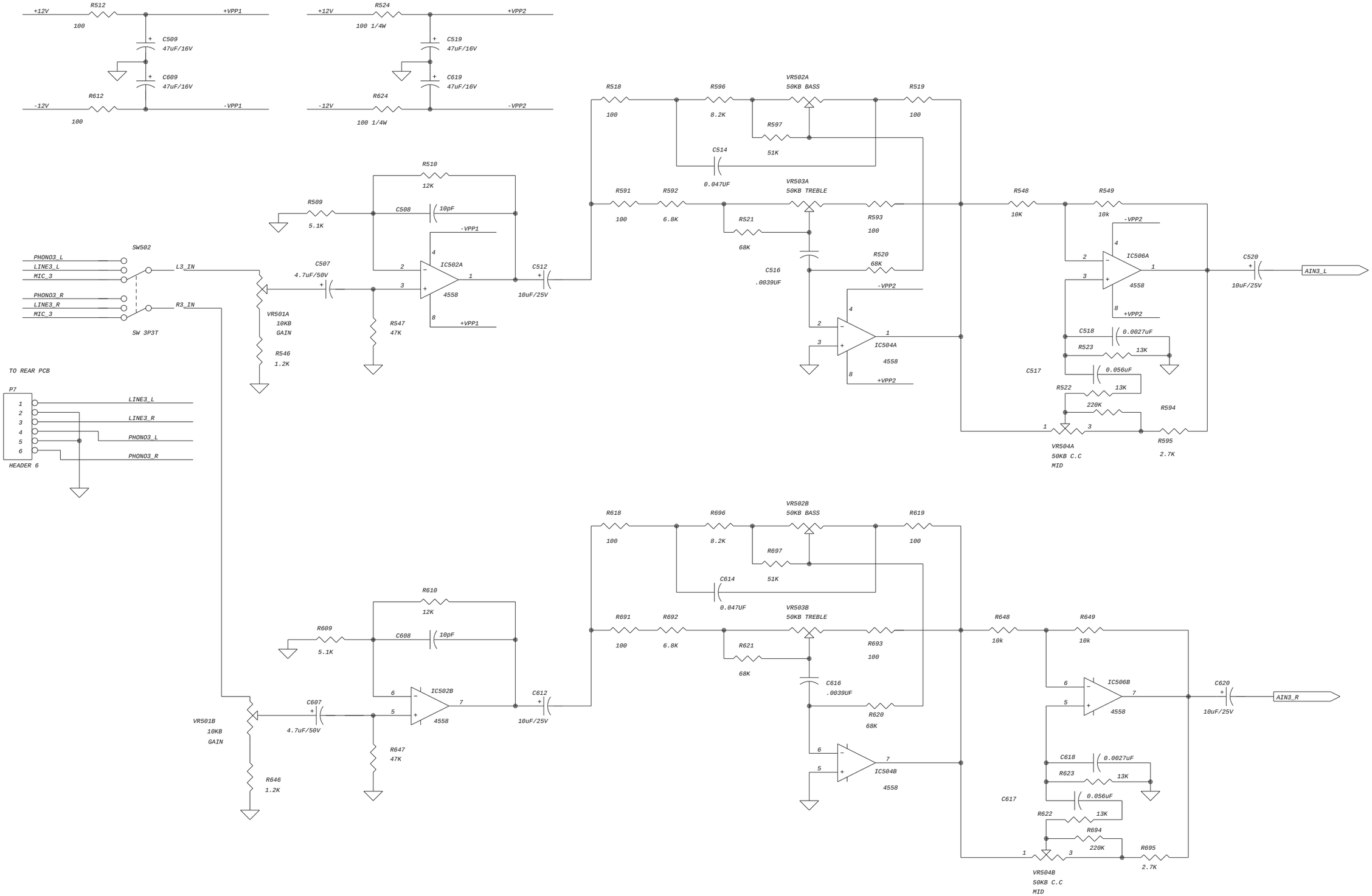
Date: July 9, 1999	Sheet 11 of 17	



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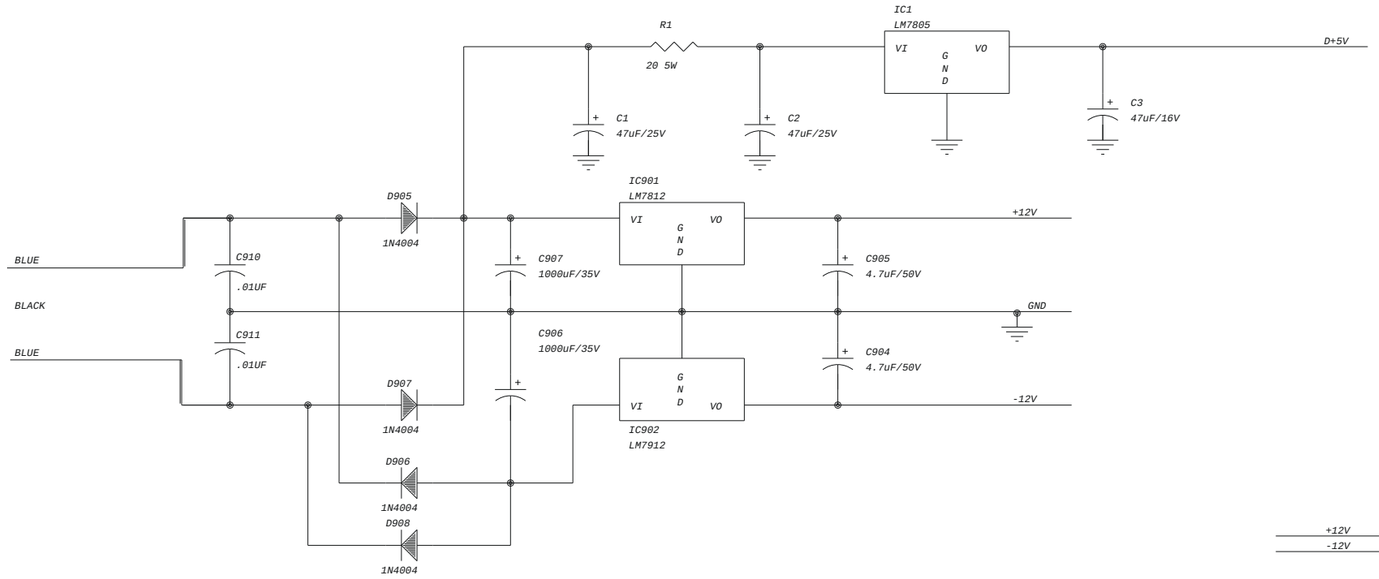
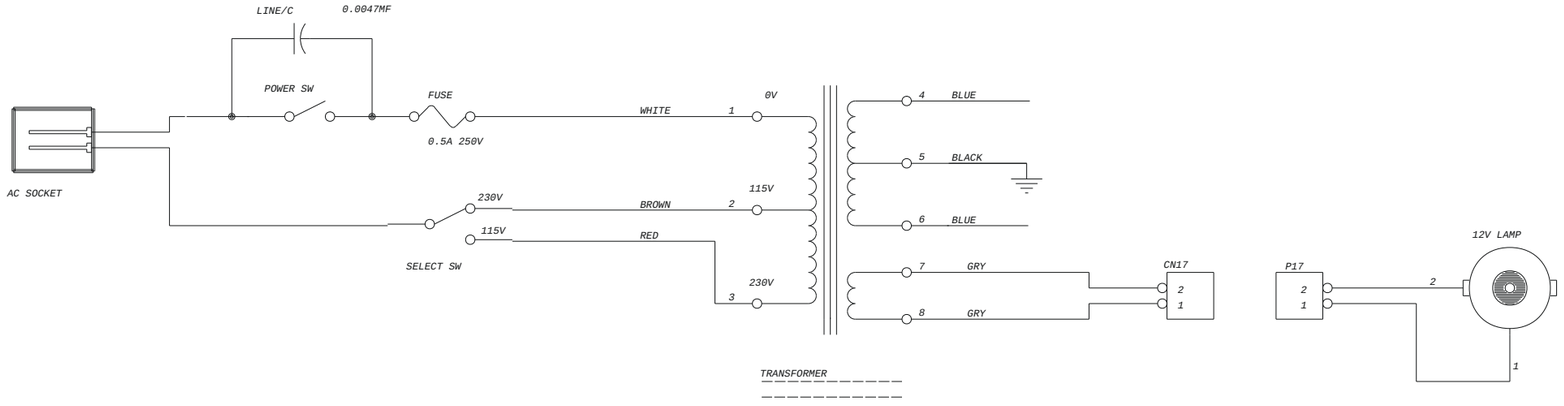
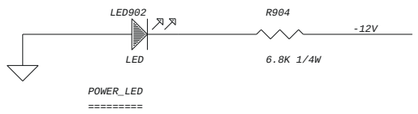
Title: PM524 SX524 BX524 FX524 CH_3. TONE		
Size: B	Document Number: 524 CH_3.SCH	REV: A
Date: April 3, 1999	Sheet 7 of 17	







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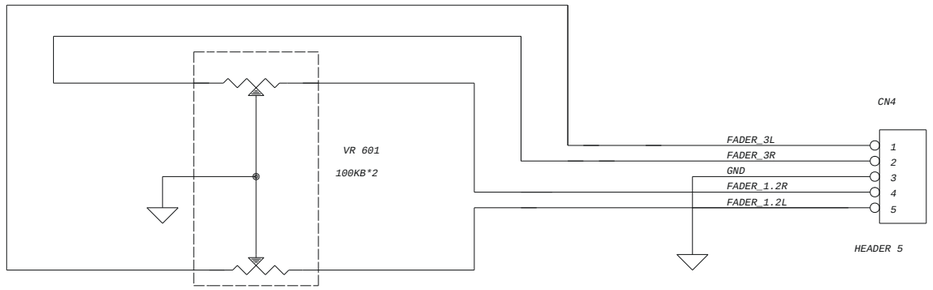
Size: B	Document Number: POWER.SCH	REV: B
Date: July 24, 1999	Sheet 1 of 17	



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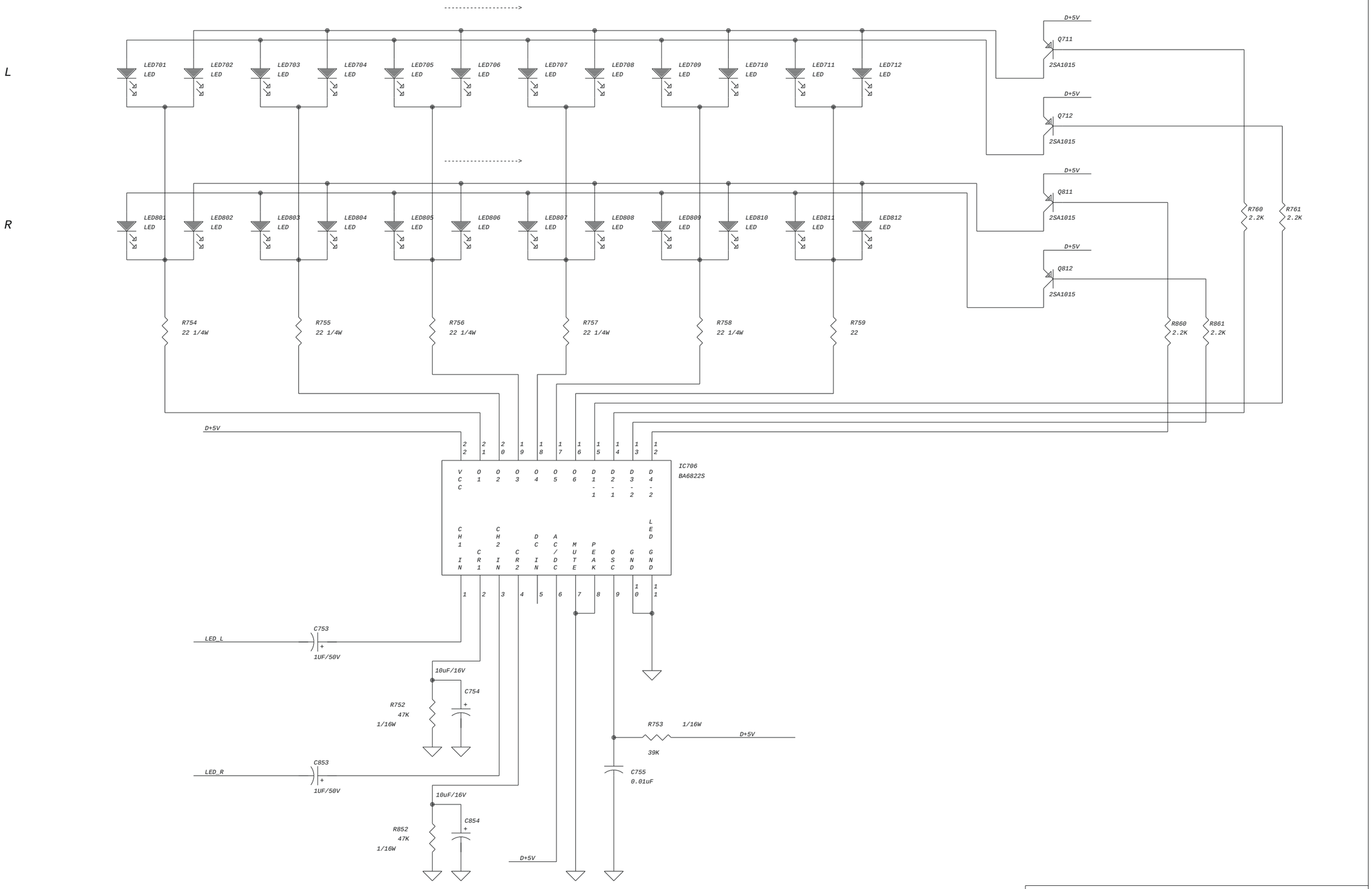
Date: April 18, 1999	Sheet 13 of 17	



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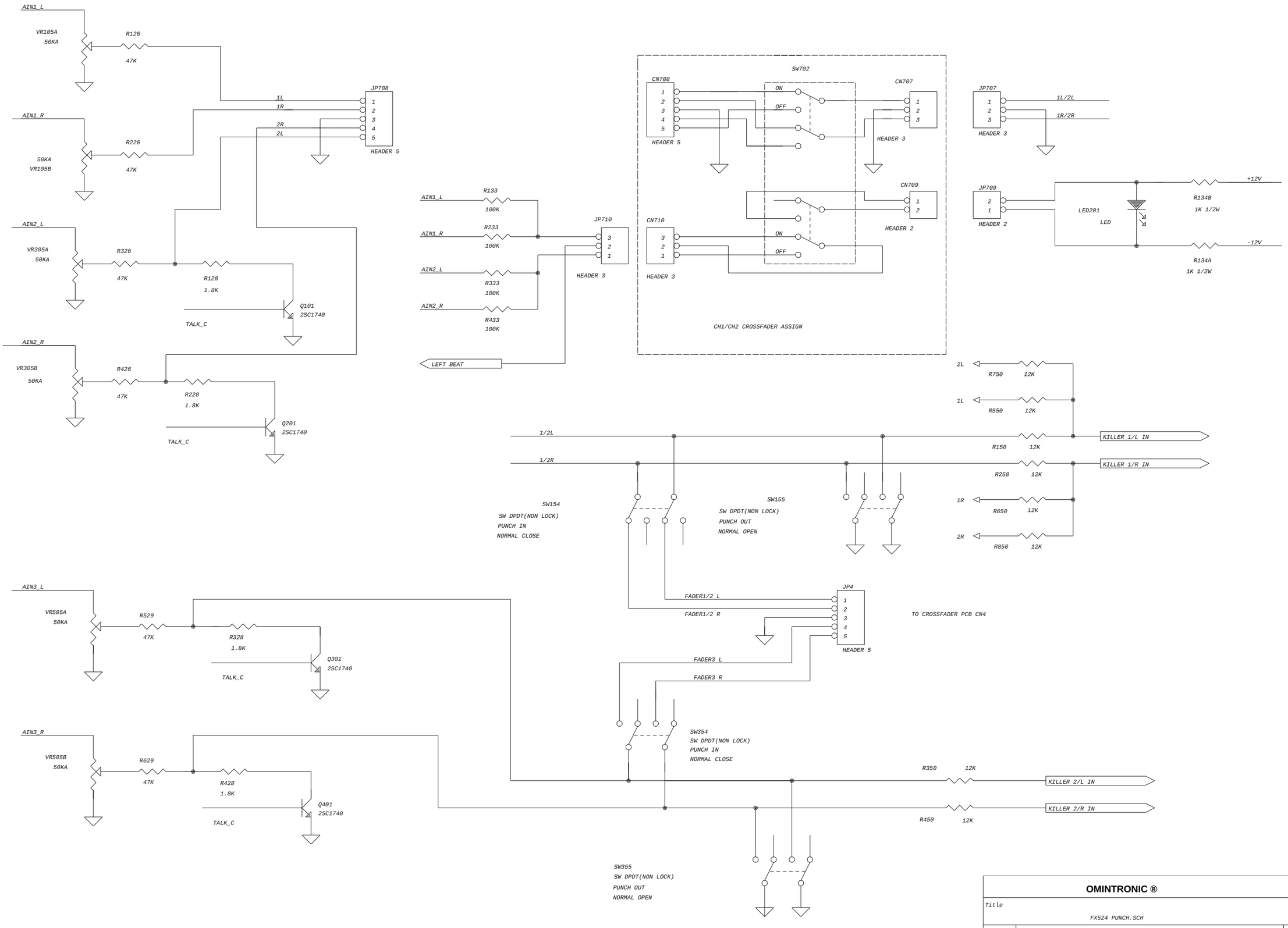
Date: April 3, 1999	Sheet 17 of 17	



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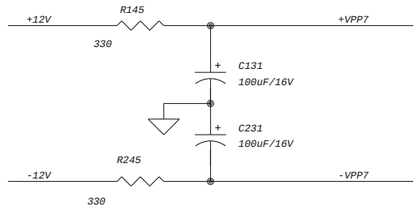
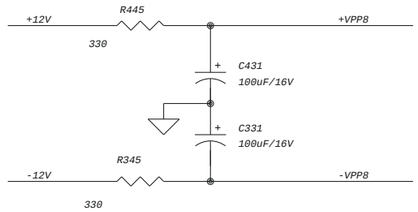
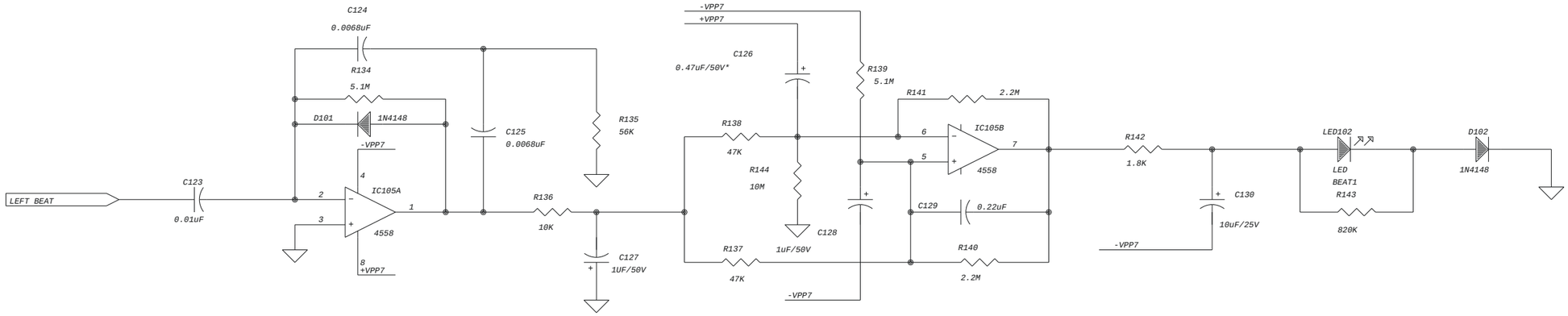
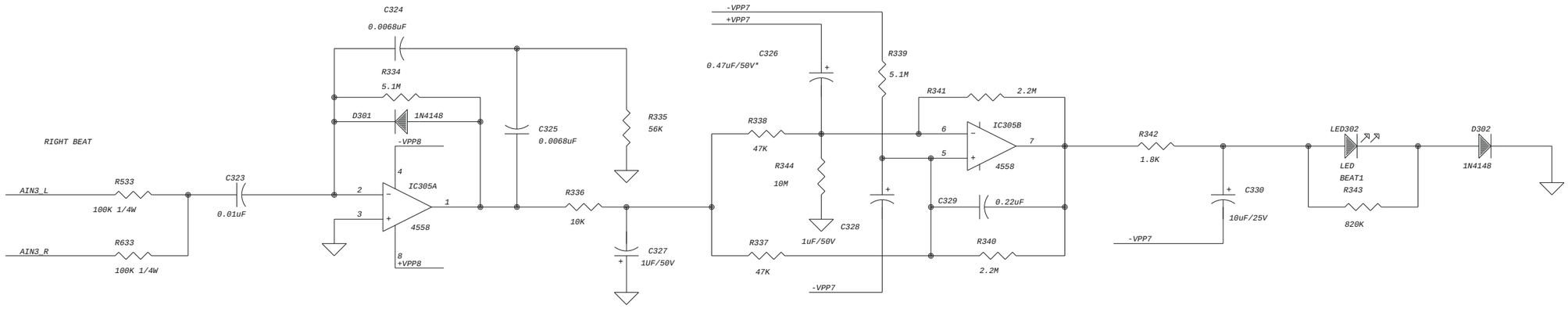
Date: September 16, 1999	Sheet 9 of 17	









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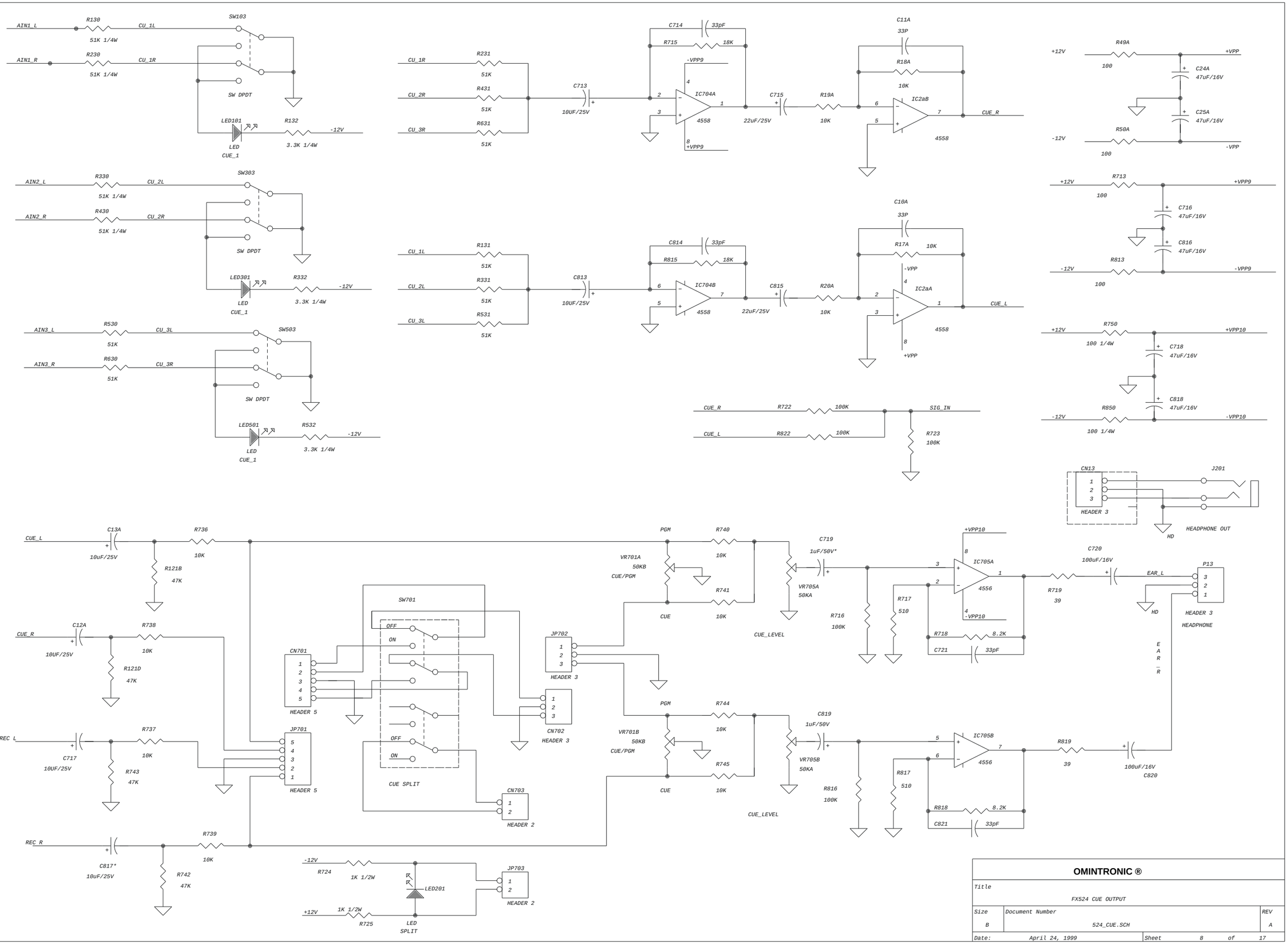
Date: September 16, 1999	Sheet 14 of 17	



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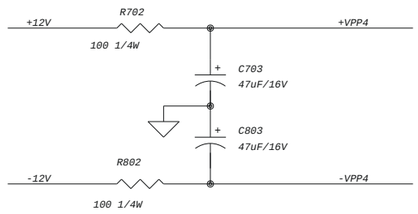
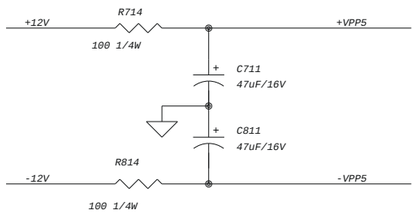
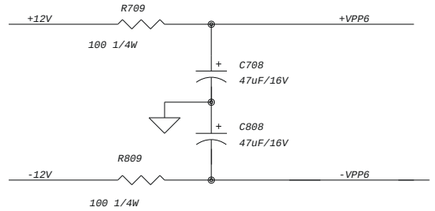
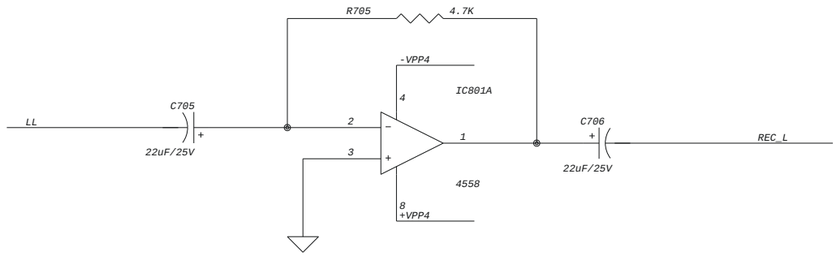
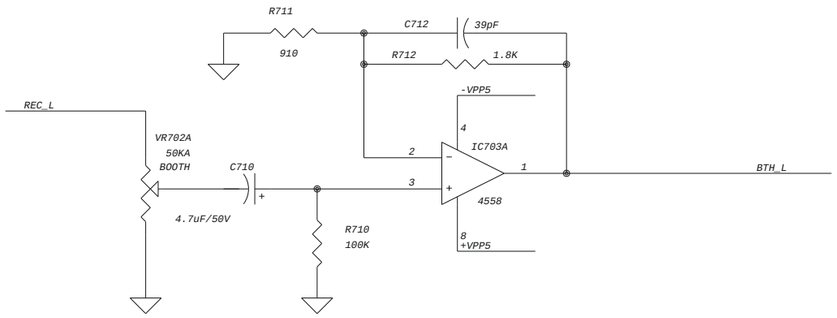
Date: April 24, 1999	Sheet 8 of 17	

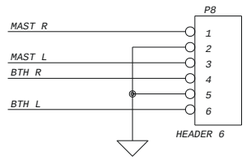


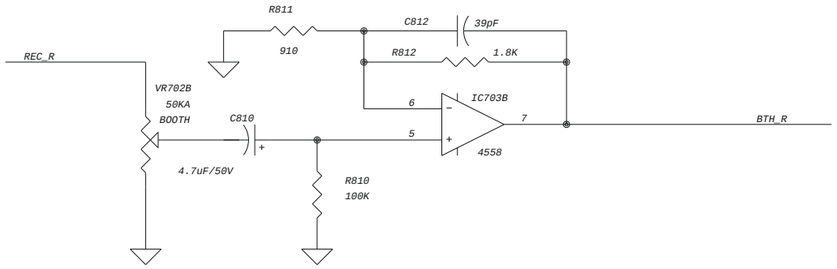


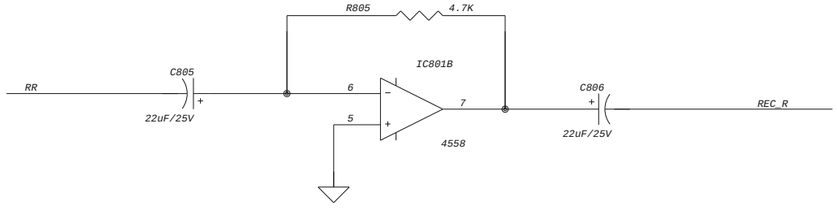


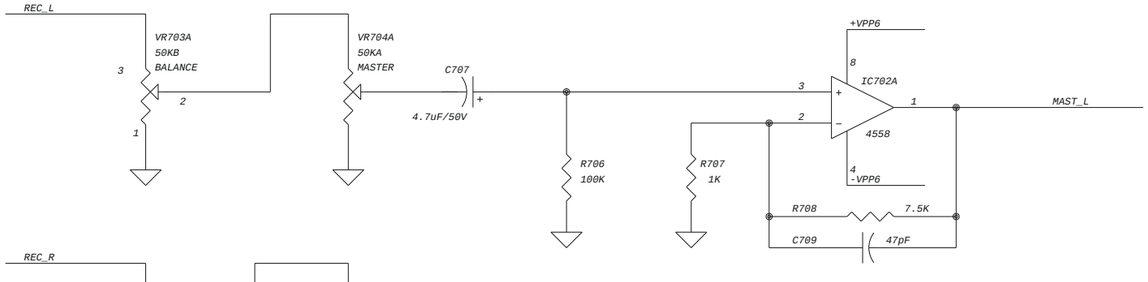


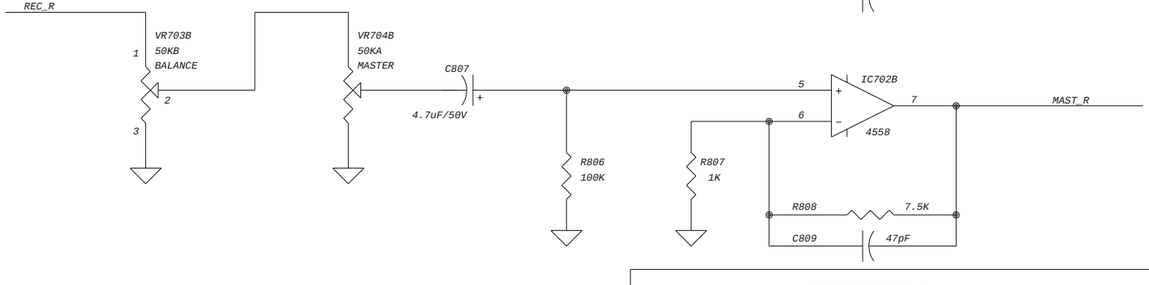


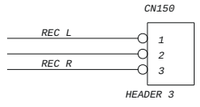


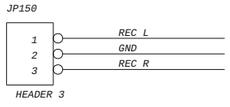


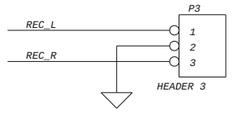












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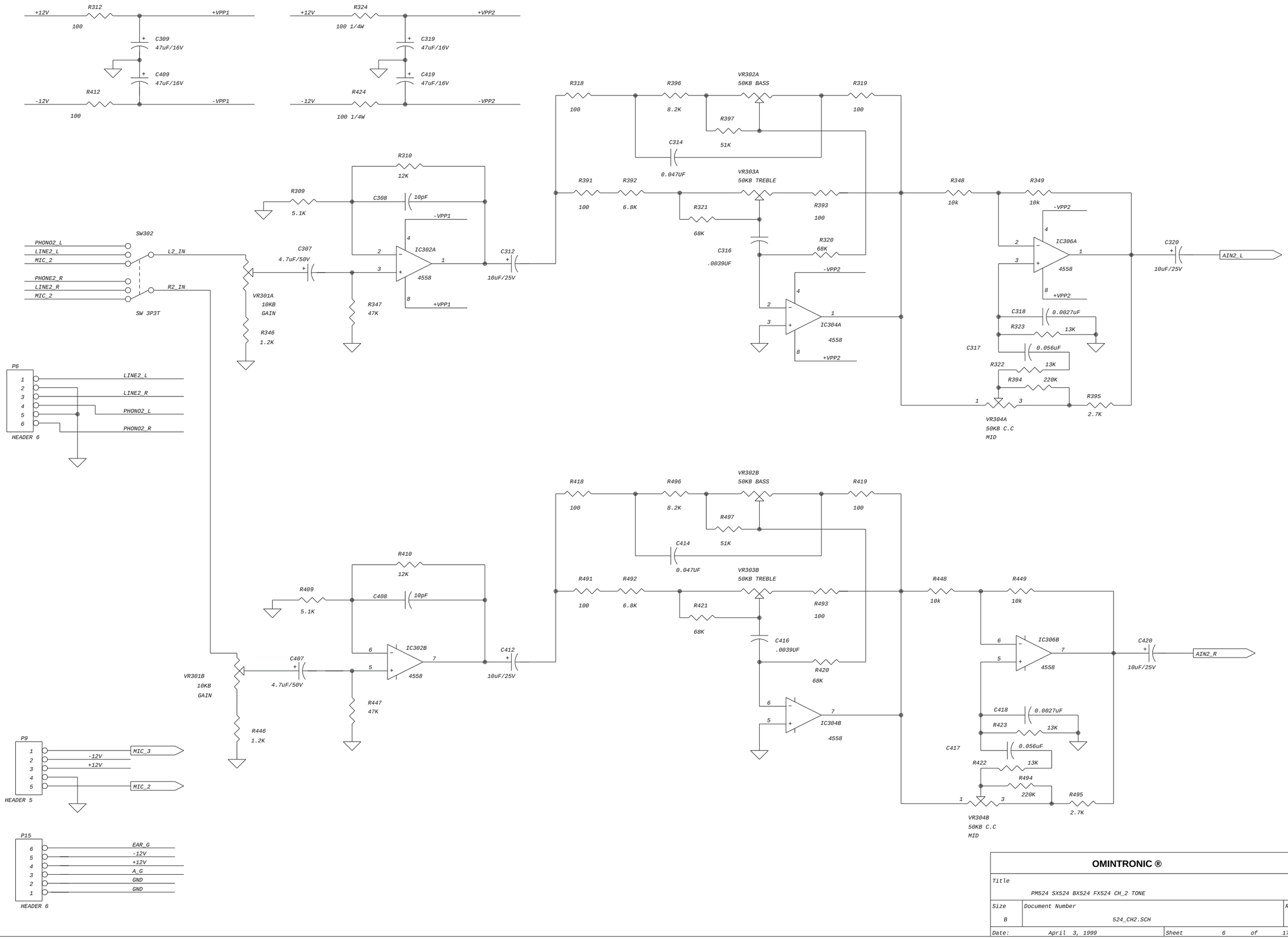

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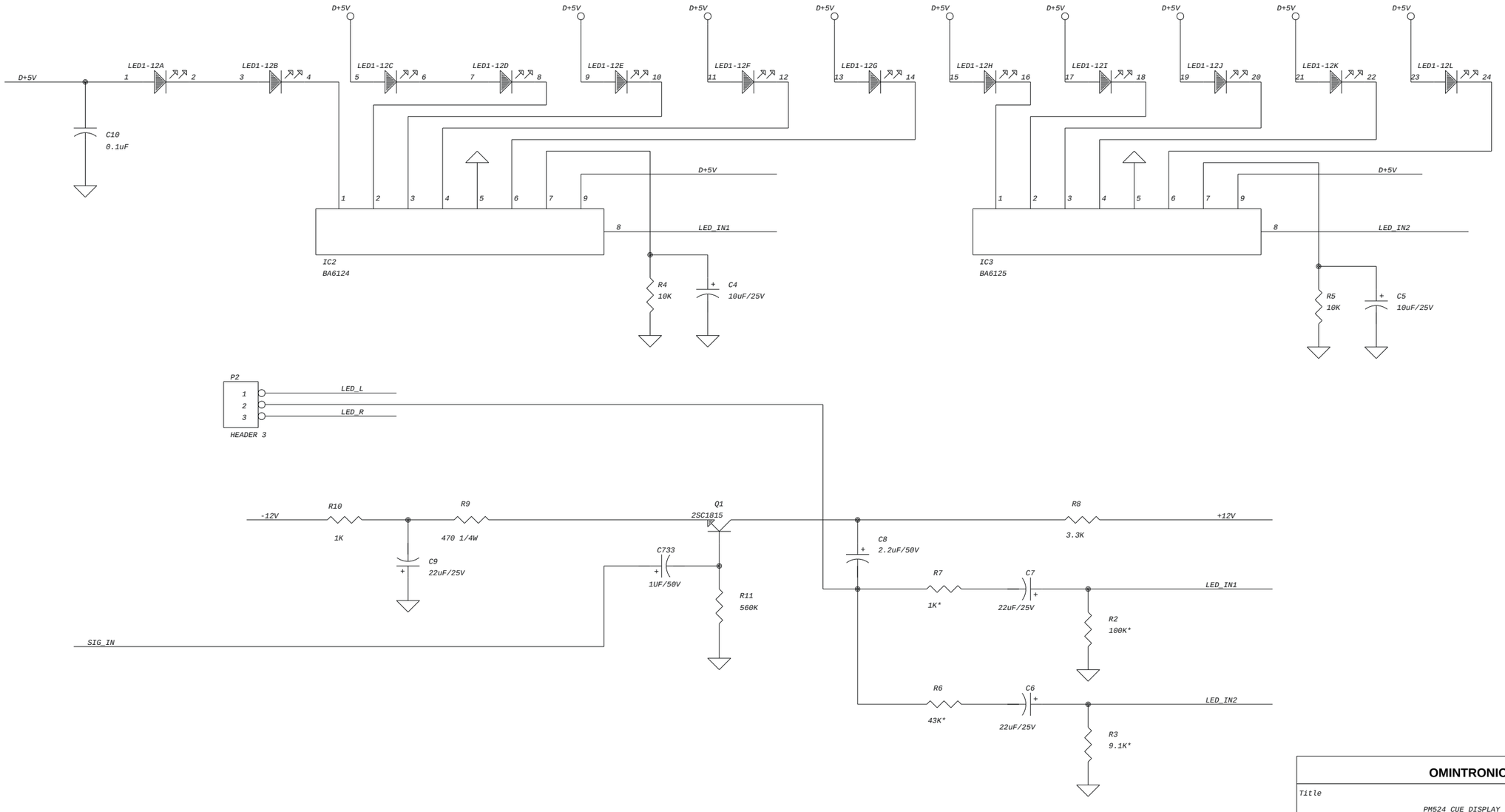

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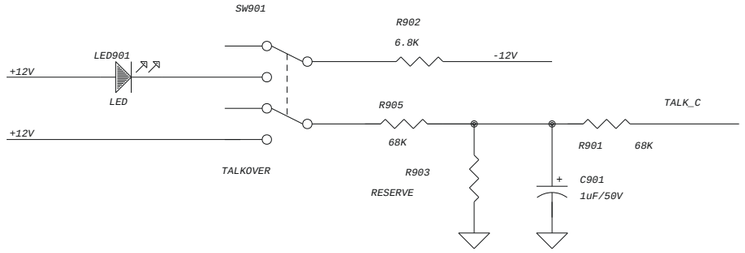

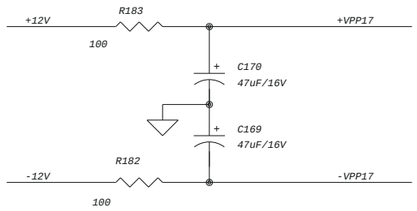

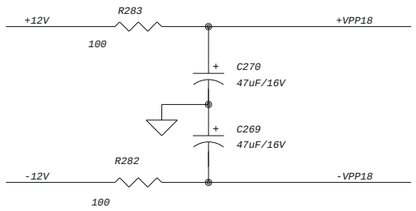

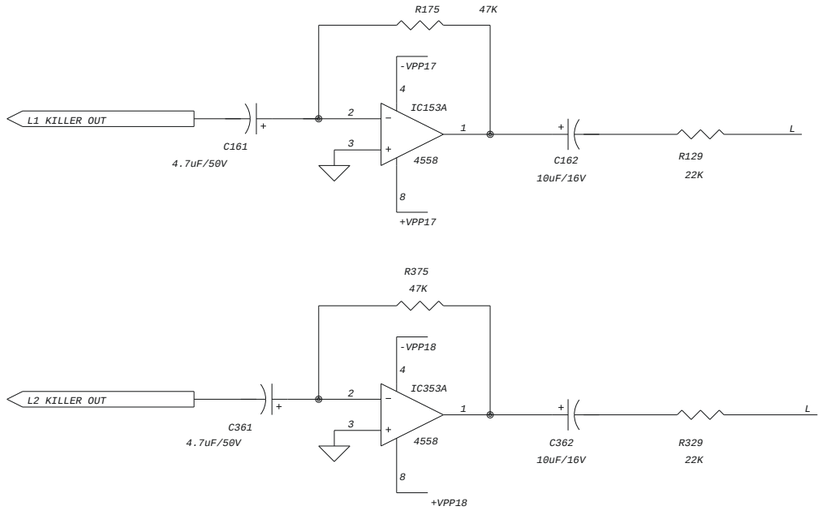

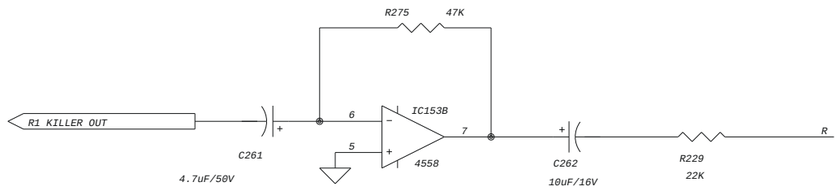

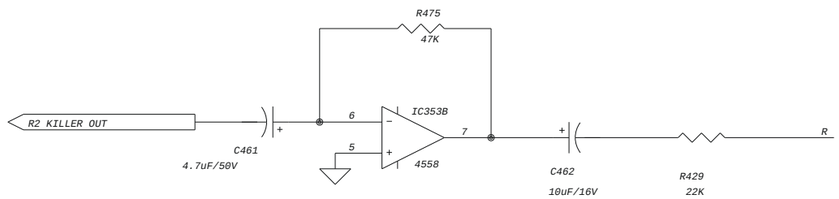

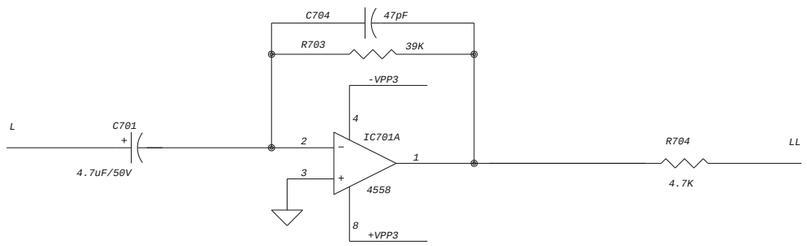

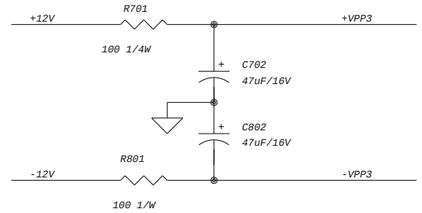

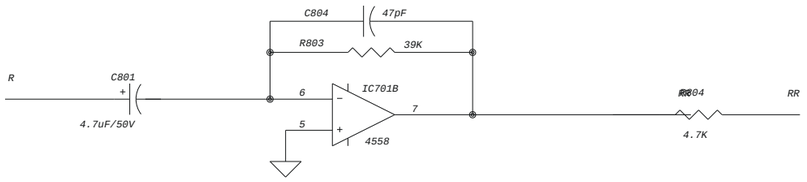

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